JAP20 Rec'd PCT/PTO 11 MAY 2006

PTO-1390 (Rev. 07-2005) Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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T	RANSMITTAL LETTER TO THE UNITED STATES							
0.6	DESIGNATED/ELECTED OFFICE (DO/EO/US)	U.S. APPLICATION: NO? (If-known; see 37 CFR 1.5)						
CC	NCERNING A SUBMISSION UNDER 35 U.S.C. 37	1 11/5/9021						
	ATIONAL APPLICATION NO. INTERNATIONAL FILING DATE OF A PROCESSION OF A PROCESS							
•	PCT/GB2004/004714 9 November 2004 14 November 2003 TITLE OF INVENTION							
_	nic Blind Signal Separation							
	ANT(S) FOR DO/EO/US							
Geoffrey Spence, Ira James Clarke, John Graham McWhirter Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:								
1.	· · · · · · · · · · · · · · · · · · ·							
2.	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND as SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 374.							
2. □ 3. ☒	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items							
. С	(5), (6), (9) and (21) indicated below.	o.o. or r (1)). The submission must moluge hems						
4	The US has been elected (Article 3).							
5.	A copy of the International Application as filed (35 U.S.C. 371 (c)(2))							
	a. is attached hereto (required only if not communicated by the Inte	a. 🗵 is attached hereto (required only if not communicated by the International Bureau).						
	b. has been communicated by the International Bureau.							
•	c. is not required, as the application was filed in the United States	Receiving Office (RO/US).						
6.	An English language translation of the International Application as filed (35	U.S.C. 371 (c)(2)).						
	a. is attached hereto.							
•	b. has been previously submitted under 35 U.S.C. 154(d)(4).							
7.	Amendments to the claims of the International Application under PCT Article	e 19 (35 U.S.C. 371(c)(3))						
¥	a. are attached hereto (required only if not communicated by the Ir	nternational Bureau),						
4	b. have been communicated by the International Bureau.							
•	c. have not been made; however, the time limit for making such amendments has NOT expired.							
	d. have not been made and will not be made.							
8.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).							
9. 🛛	An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4))							
10.	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).							
Iter	Items 11 to 20 below concern documents) or information included:							
11.	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.							
12.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.							
13. 🛚	A preliminary amendment.							
14. 🛚	An Application Data Sheet under 37 CFR 1.76.							
15.	A substitute specification.							
16.	A power of attorney and/or change of address letter.							
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2and 37 CFR 1.821- 1.825.							
18.	second copy of the published International Application under 35 U.S.C. 154(d)(4).							
19.	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).							

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICA	O.	579	021	5) INTERNATIONAL A PCT/GB2004/00471		ATION NO.	ATTOR1 06-345	VEY'S DO	CKET NUMBER
20. Other it	items o	or information tional Sea	n: arch Report; Fil	ling Fee Check; Return	Recei	ot Postcard; (Certificate of E	Express	Mail, Express
The follo	owing f	iees have be	een submitted				CALCULATIO	NS	PTO USE ONLY
21. Basic national fee (37 CFR 1.492(a))					300	\$	300.00		
22. Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/Us or the international preliminary examination report prepared						\$	200.00		
	/US ind			sions of PCT Article 33(1)-(4).					
23. Search fee (37 CFR 1.492(b)) If the written opinion prepared by ISA/Us or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)							\$	400.00	
		TAL OF 21, 2					\$	900.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) 37 CFR 1.492(j)) The fee is \$250 for each additional 50 sheets of paper or fraction thereof.									
Total Sheets	Ext	tra Sheets		additional 50 or fraction up to a whole number)	ļ	RATE			
67 -100 =	=	/50 =			x \$25	0	\$	·	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).						\$			
CLAIMS		NUME	BER FILED	NUMBER EXTRA		RATE	\$		
Total claims	s	33	-20 =	13	X	\$50	\$	650.00	
Independent cla	aims	3	-3 =	0	X	\$200	\$		
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360							\$		
				TOTAL OF ABO	VE CAL	CULATIONS =	\$		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.						½ .			
SUBTOTAL =						\$			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$				
TOTAL NATIONAL FEE =					\$ 1,550.00				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +						\$			
TOTAL FEES ENCLOSED =					\$ 1,550.00				
							Amount to be refunded:		\$
		-					Amount to be charged:		\$

10/579021

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a.	\boxtimes	A check in the amount of \$ 1,550.00 to cover the above fees is enclosed	ed.							
b.		Please charge my Deposit Account No in the amount of \$ A duplicate copy of this sheet is enclosed.	to cover the above fees.							
Ç.		The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.								
d.		Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.								
	NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.									
Mc	Donn 0 S. V	L CORRESPONDENCE TO: ell Boehnen Hulbert & Berghoff LLP Vacker Drive , IL 60606	Raafat M. Shaltout NAME							
Da	te: M	ay 11, 2006	45,092 REGISTRATION NUMBER							
			•							

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CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Express Mail No. EV839378930US

Deposited: May 11, 2006

I hereby certify that the attached correspondence, identified below, is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" under 37 CFR § 1.10 on the date indicated above and is addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

y: Uchilly I wash

Patent Application of: Spence et al.

Title: Dynamic Blind Signal Separation

X Copy of International Application

X Transmittal Letter to the United States Designated/Elected Office (DO/EO/US)

X Postcard

X Check

X Application Data Sheet

X Preliminary Amendment

X 17 Sheets of Drawings

X Copy of International Search Report

X Executed Declaration/Power of Attorney

Attorney Docket No.: 06-345